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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/720,096 | 02/01/2001 | Dan Nilsson | 54337.000009 | 6906 |

21967 7590 03/21/2007
HUNTON & WILLIAMS LLP
INTELLECTUAL PROPERTY DEPARTMENT
1900 K STREET, N.W.
SUITE 1200
WASHINGTON, DC 20006-1109

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| EXAMINER |
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STEADMAN, DAVID J

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| ART UNIT | PAPER NUMBER |
|----------|--------------|

1656

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE | DELIVERY MODE |
|--|------------|---------------|
| 30 DAYS | 03/21/2007 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

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| APPLICATION NO./ CONTROL NO. | FILING DATE | FIRST NAMED INVENTOR / PATENT IN REEXAMINATION | ATTORNEY DOCKET NO. |
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09/720, 096

2/2/01

Nilsson et al.

54337.000009

EXAMINER

STEADMAN, DAVID

ART UNIT

PAPER

1656

20070307

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

The communication filed on 6/16/2006 is not fully responsive to the Office communication mailed on 5/16/06 for the reason(s) set forth on the attached Notice To Comply With The Sequence Rules or CRF Diskette Problem Report. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

Since the reply appears to be bona fide attempt to comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825), applicant is given a TIME PERIOD of ONE (1) MONTH from the mailing date of this communication within which to correct the deficiency so as to comply with the sequence rules (37 CFR 1.821 - 1.825) in order to avoid abandonment of the application under 37 CFR 1.821(g). EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication should be directed to Examiner David J. Steadman, Art Unit 1656, whose telephone number is (571) 272-0942. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kathleen Kerr Bragdon, can be reached at (571) 272-0931.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (571) 272-1600.

David J. Steadman, Ph.D.
Primary Examiner
Art Unit: 1656

STIC Biotechnology Systems Branch

CRF Problem Report

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number:

091720,096B

Filing Date:

2/1/01

Date Processed by STIC:

6/22/06

STIC Contact: Mark Spencer: Telephone: 571-272-2510; Fax: 571-273-0221

Nature of CRF Problem:

- ☒ (circle one) Damaged or Unreadable (for Unreadable, see attached)
☐ Blank (no files on CRF) (see attached)
☐ Empty file (filename present, but no bytes in file) (see attached)
☐ Wrong file saved to CRF (invention title, docket number, or applicant(s) do not match those in official application) (see attached)
☐ Not saved in ASCII text
☐ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should only be the Sequence Listing.
☐ Did not contain a Sequence Listing. (see attached sample)
☐ Other:

**PLEASE USE THE CHECKER VERSION 4.3.1 PROGRAM TO REDUCE ERRORS.
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Revised 08/30/05

09/720,096B (Sample of Submitted File)

Microsoft(R) Windows 98
(C) Copyright Microsoft Corp 1981-1999.

C:\WINDOWS>a:

A:\>dir

Volume in drive A has no label
Directory of A:\

097200~1.TXT 15,941 06-16-06 2:42p 09720096.ST25.txt
1 file(s) 15,941 bytes
0 dir(s) 1,441,280 bytes free

A:\>TYPE 097200~1.txt

Read fault error reading drive A
Abort, Retry, Fail?

| | | | |
|-------------------------|--------------------------------------|---------------------------------------|-----------------------------|
| Notice to Comply | Application No. 09/720,096 | Applicant(s) Nilsson et al. | |
| | Examiner Steadman, D. | Art Unit 1656 | Paper No 20070307 |

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE
DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☒ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

Applicant Must Provide:

- ☒ An initial or **substitute** computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or **substitute** paper copy of the "Sequence Listing", as well as an amendment directing its entry into the **specification**.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216 or (703) 308-2923

For CRF Submission Help, call (703) 308-4212

Patent Software Program Support

Technical Assistance.....703-287-0200

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